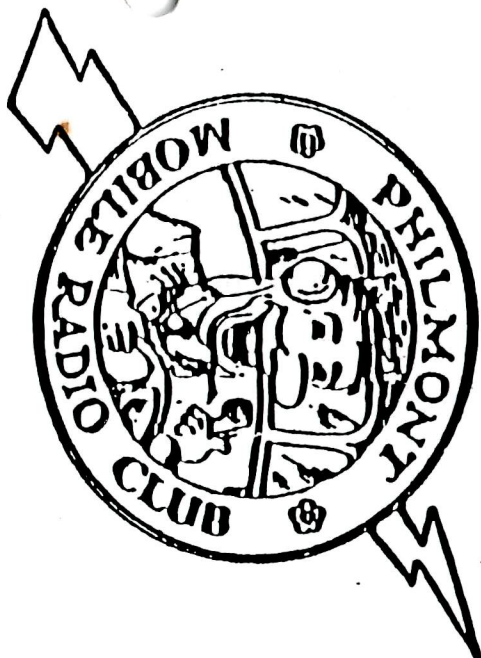


FIRST CLASS MAIL



A Philmont Mobile Radio
Club Publication

the blurb

125 Keeley Avenue
New Britain, PA 18901

JACK HARING
VIRGINIA J. HARING
2113 EDGEHILL DRIVE
PA FURLONG

W3IIM
W3IIN
R
18925

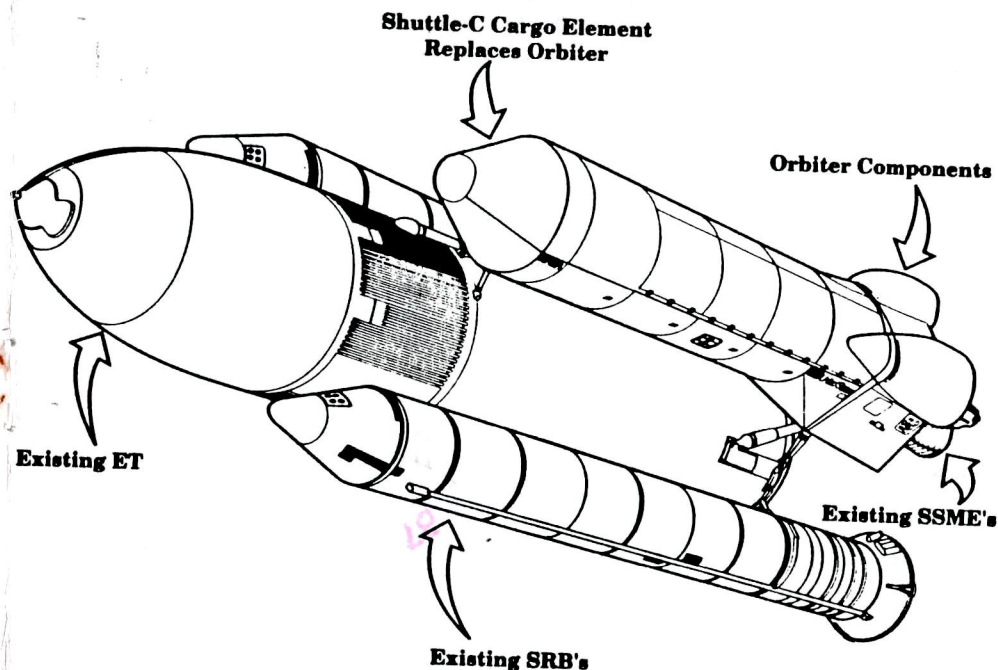


40th year of PHILMONT MOBILE RADIO CLUB
W3RQZ•W3TKQ•W3QV

BLURB

MARCH 1989





Shuttle-C helps answer a call, issued by the Congress, NASA Advisory Committees, and American industry, for the United States to reassert its leadership in space. It is an appropriate competitor for the Soviet *Energia* and the French *Ariane 5* vehicles, and restores to the United States a capability it has not had since the early 1970's. Shuttle-C is a heavy-lift launch vehicle which the United States can develop in the near term within reasonable cost and risk.

INFO FROM NASA

The BLURB

VOLUME XXXIX

NUMBER 3

is published monthly by and for the members of The PHIL-MONT MOBILE RADIO CLUB, INC. whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. BLURB subscriptions are available to non-members for \$6.50 addressed to the Treasurer. The club meets at 8 PM on the first non-holiday Monday of every month at The Franklin Institute, 21st Street and the Benjamin Franklin Parkway, Philadelphia. Use the rear entrance. ALL VISITORS ARE WELCOME!
Amateur Radio License Examinations - every meeting night at 6:30 PM-SHARP!

CLUB INFORMATION

24 Hour Information Number at W3TKQ

(215) 448-1139

Mailing Address: P.O. Box 88, Abington, PA 19001

STATIONS

W3QV - 147.03 MHz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB

W3RQZ - 1176 Old York Road, Abington, PA - Trustee W3VVS

W3TKQ - The Franklin Institute, Philadelphia, PA - Trustee W3PWG

W3TKQ Operators: WA3AAL, Fred; N3ABS, John; K3TEF, Frank; KA3PIC, Jack; W3PWG, Rollie

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VICE PRESIDENT: WA3AUN, Mark Ackerman, 821 Moredon Road, Meadowbrook, PA 19046

SECRETARY: N2RM, Rob Moore, 9U Rose Rita Terrace, Hammonton, NJ 08037

TREASURER: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095

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W3TKQ: W3PWG
Welcome: W3VVS

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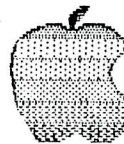
Typist: W3IIN

Assistant Editors: W3IIM & WB3KOJ

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Board of Directors' Meeting.

NET SCHEDULE

SUNDAY	09:30	147.030 MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.400 MHz SSB	"10-ON-10 NET"
	10:20	3.993 MHz SSB	75 METER NET
TUESDAY	20:00	147.030 MHz FM	CW PRACTICE NET



APPLE BYTES

MARCH BIRTHDAYS

03-AUSTIN F. GUTMAN - W3FQG
-ELAINE SPENCER (XYL W3BBB)
06-MARILYN MILLER (XYL K3KNH)
-LYDIA VOLD (XYL W3SGR)
07-JUNE FAYE (XYL W3RCE)
09-WARREN F. GUSS, Jr. - W3GQP
-FAYETTE TOREN (XYL W2GMA)
11-BALE ACKERMAN (XYL WA3AUN)
17-WILLIAM F. BUBECK - W3YHV
18-ROBERT RICKER - N3EAY
21-BENJAMIN ROESHMAN - W3LKI
-PAUL TRUEAX - WF2X
22-DEE MOORE - WA2NSA (XYL W2FUW)
24-EDWARD S. McVAUGH - W3LEM
25-PERRY BLUM - N3AXJ
-JERRIE HALDEMAN (XYL W3PST)
26-ANNA MADARA (XYL W3PWG)
-CAROL WYATT -N3CQA (XYL AF3F)
27-LILLIAN SHAPIRO (XYL WA3IFQ)
31-TED J. LADA - N3FTZ

ZODIAC MATES

BASED ON CURRENT RECORDS SIX PHIL-MONT MEMBERS WERE BORN IN THE SAME MONTH AS THEIR SPOUSE.

HELP PHIL-MONT

ARE YOU PLANNING TO JOIN ARRL OR RENEW YOUR CURRENT MEMBERSHIP? HELP PHIL-MONT BY JOINING OR RENEWING THROUGH THE CLUB...CONTACT KB3IV FOR THE DETAILS.

UPDATES

LAST CALL FOR ANY DIRECTORY CHANGES...SPEAK NOW OR WAIT UNTIL '90.

....DE WB3KOJ

everywhere.

This fast-paced development also is what makes Guam so alert in the realm of electronic communication. Two phone carriers service the population of 100,000, providing not only quality but also prices competitive with the United States. A half dozen commercial radio stations beam forth various sorts of broadcasts, and there is a direct-broadcast television company and a cable one. The high level of electronic know-how is seen in the NASA Tracking Station where a gigantic dish keeps in contact with orbiting spaceships.

And Guam is also most "awake" as far as amateur radio operators. While the majority of the hams are military personnel, a fair number of locals also participate in this hobby. Only a few of these are true Micronesians, but between these and the Americans and Japanese, there are enough to have an organized club that meets together on the first Tuesday of each month.

Because of being part of America, licensing for KH and KH2 stations is under the FCC with all of the standard forms and tests. Study material can be purchased locally. The tests are given to up-and-coming hams every three months, so getting a license on Guam is about as easy as anyone could want.

The saying goes that "Guam is where America's day begins", and this is due to being the first significant U.S. soil west of the International Dateline. Logically when day begins, things start to wake up, and for a Micronesian island, Guam is really awake! It is to the point that many people contend that Guam is just like any other place in the United States, and it has lost its island characteristics and charm. While it is not hard to understand why some could feel this way when they see low-riding youth pull in for lunch at the "golden arches", there are lots of aspects of Guam that make it delightfully distinct. Where

else in the United States can a bunch of kids climb on the family's water buffalo, (more often referred to on Guam as a "carabao"), and take it for a ride? If some of those kids were to get at least a Technician class license and carry a hand-held two-meter radio with them -- now that would really be a unique, mobile setup!

Hafa Adai ya sitenta-i-tres
(What's up?/Hello and 73)

LOCAL VOICE BULLETINS from EPA Feedline

Sunday	20:00	147.060/R
	21:00	50.550
Monday	19:30	50.125
	20:00	144.150
	20:30	147.225/R
	21:00	220.125
Tuesday		224.530/R
		432.110
	20:00	146.760/R
	21:00	145.230/R
Wednesday		146.985/R
	20:30	147.090/R
Thursday	21:00	50.180
Saturday	19:00	51.000

QCWA

Chapter 5, of the Quarter Century Wireless Association, extends an invitation to all amateurs that qualify, to join the Chapter. Those hams that have held a license for 25 years are eligible to join the national organization and a chapter. Anyone wishing to apply for membership can contact any Chapter 5 member, or send a request to the secretary of Chapter 5 - Don Field, W2UAE, 101 Denow Rd. Lawrenceville, NJ 08648. Information about joining the National and Chapter 5 will be sent.

A comment was heard, in the past, that the existence of our Chapter was not known. We are attempting to make it known that we do exist, and have existed since 1956, and want to invite all that would like to join, to do so. We want to build the organization up, and to continue to provide programs that are enjoyed by all.

We will be keeping your organization informed of the time and place of our meetings, and all who are interested are invited to attend. Our meetings are dinner meetings, held in different locations, and include the XYLs, or YLs. Come out and meet your fellow hams, enjoy a good program, and a good evening out.

SAMMA CORNER - 6



DON'T TELL ME OL' CHARLIE DOESN'T
DESERVE A RAGCHEWER'S AWARD ---
HE WENT TO BED AN HOUR AGO!

THANK TO YDS &
WORLD RADIO

IT SEEMS TO ME SOME PHILMONTERS
SHOULD SHOW A BIT MORE RESPECT FOR OTHERS
AND NOT TIE-UP THE REPEATER TO REPORT
YOU'RE GOING OUT TO BUY THIS OR THAT!

MARCH

MINUTES
GENERAL MEETING
JANUARY 1989

N3EAY called the meeting to order at 8pm at the Franklin Institute. He introduced the new President and gave it to him. (The Gavel)

KB3IV reported that dues had been coming in steadily. He asked that ARRL renewals be made thru Phil-Mont. The check should be made in the regular amount but be made out to Phil-Mont and sent thru him. He'll take care of the rest and the club will make some money.

Larry, W3UY asked the people in the various committees of the club to continue on, but he would like for some new people to assist. He is looking for a leader for Special Events.

W3VVS reported that there were 31 members present and 4 visitors. The visitors were K2JOL, NS3Z, KA3TUP, and Vibeke Hopkinson.

W3IIN Gave Membership Certificates to Stuart, KA3TNH, and Virginia, KA2ZZA.

Rolly said that the new callbooks have been purchased and are at W3TKQ.

WB3CMM needs more net controls for the Sunday Morning 2 Meter Net.

Dusty ND3Q reported that 8 people took the examinations earlier in the evening with 15 elements given and 8 passed.

WA3AUN presented the evening speaker, WB3CMM who gave a talk and video show on his most recent December fishing trip to the "Outer Banks."

W3RM and N3GLH made a brief presentation regarding programming on the repeater.

Respectively Submitted,

Robert R. Moore, N2RM, Secretary

MINUTES
General Meeting
The Franklin Institute - 2/6/89

The meeting was called to order at 20:10

The TREAS reported a healthy balance sheet and mentioned that 90% of the members had paid their 1989 dues. The audit committee had recently met, and approved his forthcoming trip to Orlando.

The PREZ announced that the February board meeting was rescheduled to Thursday the 16th, to accommodate everyone's schedules. N3FVI will be the chairman of the special events AND the refreshments committees. The BLURB is always in need of articles. Additional examiners are needed to help Dusty with our very successful and beneficial VE program.

Transmitting Data
Without Using Wires

When Winston Churchill had secret messages to transmit during World War II, he turned to a fledgling radio technology that broke up a signal and sent it in pieces over several frequencies. That made it harder to intercept than a signal sent over a single frequency.

Today that same technology, known as "spread spectrum," is drawing interest as a way to send electronic data without wires. The technique is starting to show up in products that offer wireless links between computers or between a control panel and a machine.

Behind this new interest is a 1985 decision by the Federal Communications Commission to open parts of the airwaves to spread-spectrum devices, without licensing users. The fragmented nature of such systems made the FCC less worried than usual about overcrowding of the airwaves.

Another lure for companies: The new spread-spectrum bands can handle greater distances than other unlicensed bands, such as those for cordless telephones. So far the FCC has cleared just one device, but says it's looking at several other applications.

The approved device comes from a group of Canadian entrepreneurs who started a company in 1985 to take advantage of the FCC's spread-spectrum rule. The company, Telesystems SLW Inc. of Don Mills, Ontario, sells equipment for making wireless computer networks.

At about \$1,500 a computer, the product is pricier than wiring so Telesystems has in mind customers who can't use wires easily. They include offices with asbestos in the walls, historical buildings that can't be renovated and factories that want links to foremen on the move.

Among the companies awaiting FCC approval is Hillier Controls Inc., Princeton, N.J. It has a cheaper system that it hopes to market as a remote-control device for lights and other household gear.

GUA

Where America's Day Begins
and Micronesia Wakes Up!

by Nancy Vander Velde, AA6EA

The islands of Micronesia are often described by such phrases as "sleepy", "slow-paced" or "lazy". Whether this is actually the case or not may depend upon one's point of view. Some may argue that non-Westernized Islanders who can live entirely off the sea and land are very industrious in their own ways. But, regardless of one's definition of "sleepy", the moment Guam is encountered, it becomes obvious, that compared to the other places in Micronesia, Guam is wide awake!

This "wide-eyed" aspect is no accident. Guam is historically and politically different from its neighbors. The rousing started when Ferdinand Magellan sailed into what is figured to be Umatac Bay on March 6, 1521. Soon afterwards, Guam became an important stopover port for the Spanish galleons commuting between Alcapulco and Manila.

Following centuries of Spanish control and westernization, the United States took Guam as part of its spoils from the Spanish American War in 1898. America's grip was temporarily lost, during World War II, to the Japanese, but was regained, in 1944, through bloody invasion tactics. Thereafter, the United States has developed to the purpose of never again losing this strategic island.

Overall development has naturally gone right along with Guam's military development. Therefore, modern sports cars whiz down six-lane thoroughfares, and pass many of the fast food eating establishments that one would expect to see in the States. And although the Guamanians themselves speak a Spanish-Micronesian tongue called "Chamorro", English is what is spoken

This convinced me the ship in question was not the Elbridge, but the USS Hammann. My search of the records uncovered another unusual fact. On the supposed date of the experiment, October 23, 1943, at all shops and offices on that day, a Saturday, the back channel employees were assigned work in other locations, or were given the day off. Most unusual for a war time shipyard. This fact was verified in conversation with, a now retired and deceased member of Liaison Group, Jimmie Judge.

Some years later, 10 years to be exact, not much progress was made in my research. In 1968 the USS Sullivans incident took place at the shipyard's back channel. The Sullivans, a "Mothball" ship, was undergoing its regular inspection below main deck, checking for water, checking the dehumidifiers and the lighting system. This work is done by the Navy personnel who go aboard the ships in storage and make the inspections as required. On that day of the Sullivans' inspection, 3 sailors went aboard by way of an access hatch on the weather deck aft. As the last man went aboard and made his way with a flashlight, he heard the access hatch slam shut. The first one who went below was on the 2nd level down at the forward end of the ship. He was shaken first by the swish of an object "thrown" by his ear and the clang of a door-dogging wrench clattering against a bulkhead. Needless to say, they all left the ship rather hurriedly. The word got out to the news media, and the story made headlines of "The Ghost Ship at the Yard".

There was mention made about the ship's log book in storage at the yard. Out of curiosity, I called the reserve fleet to ask if the log book of the USS Hammann was in storage here and was it available for viewing. I spoke to a Chief Bos'n Hansen, who then referred me to a Commander Hebner. The reply I was given was I needed a letter from the

Shipyard commander stating a "Need to Know". That ended my search for a Log Book of the Hammann.

Several days later, June ??, 1968, I got a phone call from the shipyard security office at Building 695, requesting my appearance as soon as possible. I reported to intelligence officer Captain William Glencoe, who questioned me about the ship's log book of the Hammann.

I explained I was doing research on the Phila. experiment; that I knew very little about the story. He said I can go back to work and he would contact me again in a few days. The following week I was called again to report to the office as requested and was handed an opened letter. It was from the Office of Naval Intelligence, Washington, D.C. It was addressed to Captain Glencoe and it specified that "I, the researcher, was to discontinue further research of the Phila. experiment". The letter was taken back and placed in a file. Now I had no proof of the Navy's objection to my research.

The following Monday, when I got back to my drawing board, I found my files and drawers had been searched. Was I being searched for research material or just ransacked by night janitors? From that time on I kept no records at work.

Continued next month.....

(215) 448-1139

Net Control operators:
Announce this number on each net!

Spence' described the new WEATHER ALERT CONDITION mode of the repeater, which, during bad road conditions, will shorten the time-out to 45 seconds, so the mobilers will have quick access to assistance in an emergency. The GRUNGE was discussed, and the repeater's SLEEP mode (actually W3RM's sleep mode) was discussed. (See "CORRECTION" elsewhere in this issue.) Jim reported that the PHONE PATCH project was in need of an accurate crystal and a test to check whether cavities will be needed. For Betsy: the BANQUET will be held on November 11th at the Westover Country Club in Jeffersonville. Cost will be less than \$25 per person.

Rick reported that MO-COM was still hibernating.

Paul welcomed 21 members and 4 visitors: K2JOL, Bob; N3EKR, Lee; KA2QQE, Mike and his non-ham friend Mike. Paul also presented the archives committee (Jinny) with his Field Day Log for the year in which the club won the mobile category! (Can anyone help us with the year - mid 60s?)

Our VEEP said that the low bands were HOT!

Stuart, KA3TNN (one of our newest members) volunteered to rejuvenate the SWAP NET. He'll need help from one or two members, and will publicize the rebirth on packet. More info later.

The Quarter Century Wireless Association's Chapter 5 (QCWA) extends an invitation to membership. (See text of letter elsewhere in this issue.)

Dusty reported that 17 people attended the testing session, earlier in the evening, where 28 elements were given; 15 were passed; 12 failed, for a 55% success rate.

Mark then introduced Rick, N3DHI, who presented a very well prepared, show-and-tell talk on aviation electronics.

The meeting adjourned at 21:50.

Respectably submitted by W3IIM, for N2RM (who is a very respectful person, when he makes the meeting).

CORRECTION

Due to the recent "grunge" on the repeater, the special "sleep" mode may often be employed after midnight, so that our loyal control operator can get some uninterrupted sleep.

Last month, we stated that, when in "SLEEP MODE", the repeater can be awakened by keying 611 on the input frequency. To return the repeater to sleep mode once again, we erroneously stated that the code was 611. The correct code is 610. (We now know that Jim, at least, reads the BLURB!)

SLEEP MODE can only be initiated by a control operator, but users can override it, for 30 minutes, with the 611 code. Use 610 to reset it if you finish before the 30 minute timer does it for you. Dick will appreciate it!

GRUNGE UPDATE: Ole sleepy Spencer has found the offending paging transmitter, and is in touch with the FCC to get it corrected. Too bad he had to do his detective work after his normal bedtime! Thanks to Spencer III for the deductive reasoning and moral support from the pillow, while dad was out truckin'!

THE (OWING WAS DOWNLOADED FROM THE PINELANDS 88S
(Edited for brevity)

===== AREA COMPUTER SHOW AND HAMFEST SCHEDULE =====

Pinelands 88S * 609-859-1910 * 24/12/3 8N1 * 64 MB on line

- Feb 19 - Sunday 10 to 4 - Somerset, NJ
Computer Fair & Sale, Marriott Hotel
- Mar 4 - Saturday - Philadelphia, PA
Computer Show & Sale, Philadelphia Park Race Track
- Mar 5 - Sunday - Dover, PA, York Winterfest
- Mar 5 - Sunday 10 to 4 - Cherry Hill, NJ
Cherry Hill Computer Fair & Sale
Garden State Park, Rte. 70.
- Mar 11 - Saturday 9 to ?? - Egg Harbor City, NJ
Shore Points ARC - SPRINGFEST '89
4-H Fairgrounds, Talk-in 146.985 & 146.52
- Mar 12 - Sunday 8 to 4 - Lawrenceville, NJ
Delaware Valley Radio Association Hamfest
National Guard Armory, Eggerts Crossing Road
Talk-in: 146.67 MHz. More info: KB2ZY
- Apr 1 - Saturday 10 to 4 - King of Prussia, PA
Philadelphia Area Micro Show & Sale
Valley Forge Convention Center, PA Turnpike exit #24
- Apr 15 - Saturday 8-4:30 - Flemington, NJ
Flemington Hamfest, Cherryville Repeater Association,
Inc., Hunterdon Central High School Field House, Route 31
FCC Exams. Talk-in: 147.015, 147.375, 146.52, 224.12,
444.85 MHz. More info: Marty Grozinski, NS2K,
- Apr 22-23 Saturday - Sunday - Trenton, NJ
Trenton Computer Festival 1989, Trenton State College, Rt
31 south of I-95, Hillwood Lakes, Ewing Twp. The largest
and the oldest. Bill Gates of Microsoft will be a
featured speaker. More info to come. General info:
201-549-7538. Fleamarket info: 215-387-4635.
- Apr 28-30 Dayton, OH, HAMVENTION
- May 14 - Sunday - Philadelphia, PA
Computer Show & Sale, Philadelphia Park Race Track
- Sep 17 - Sunday 8 to 3 - Pennsauken, NJ
41st Annual South Jersey Radio Association Hamfest
Pennsauken High School, NJ 73 & US 130
VEC exams 9:30 a.m. Talk-in 145.29 MHz.
- Oct 1 - Sunday 7 to 2 - Bensalem, PA
Penn Wireless Association Tradefest '89
Yezzi Field, Rt 513, 1 mi south of Rt 132. VE Exams.
Talk-in 146.97 and 146.52 MHz.

THE PHILADELPHIA EXPERIMENT
by Sam Kunceovich

Part 1 of 2

For those who never heard of the so called "Philadelphia Experiment", briefly it's all about an experiment at the Phila. Navy Yard, based on Einstein's theory of "Matter to Energy, Back to Matter". The experiment as reported, was about a ship (at the yard) that was teleported to Norfolk, Virginia and back again. The time element, uncertain, but not important. I will give you the facts as I found them; you decide if it happened or not. The Navy, obviously, says it never happened.

I first learned about it in 1958, from an article published in Fate magazine. They said it was witnessed by crew members of a cargo ship in Norfolk harbor. They were part of the crew of the SS Andrew Furnseth waiting at anchor to off-load a cargo at Norfolk, Virginia.

One of the crew was a man named Carlos Allende, a native of Mexico, so his papers claim. He also lived, part time, in Reading, PA. under the name of Carl Allen. He carried two social security cards, Carlos Allende and Carl Allen. Allende or Allen claims to have witnessed the sudden appearance of the DE class ship USS Eldridge DE-173, during the morning of October 23, 1943. And, after several minutes, fade from sight. He also claims that the ship came from the Philadelphia Navy Yard and back in the matter of minutes. He does not clearly explain how he knew the ship came from Phila. as part of an experiment.

He later sent a series of letters, in regard to that experiment, to a Dr. Jessop, a friend and associate of Dr. Albert Einstein. Those letters were examined and notations made by Dr. Jessop and his staff.

The letters were copied and put together as a small manuscript, only 8 copies were made. After the sudden and mysterious death of Dr. Jessop and the disappearance of several of his staff, these papers were released and became known as the "Allende Papers."

At this point in time of my research, 1965, and the names I now give, have given me an OK to use, or they are deceased. Being employed at the shipyard during this time, up to 1983, I was in a position to go into some shipyard records and files to find anything relating to the October 23, 1943 date, a Saturday, or to the USS Eldridge DE-173.

I found a listing of all ships that came into the Navy Yard in 1943, including the date of arrival, to what pier or dry-dock that ship was located, the nature of work; repair, overhaul, or conversion, and date of departure.

The listing indicated that the USS Eldridge was not in the shipyard in 1943. I assumed then it was another ship, not the Eldridge. Checking the list again I found the USS Hammann DE-131 came into the yard October 20, 1943, was berthed at Pier A, back channel, and no record of the purpose of arrival or nature of work, and no departure date! Unusual to say the least.

Official Navy records show the USS Eldridge was later sold to the Greek Navy, but no record agreed on what was the future of the USS Hammann. One record said it was mothballed at a Texas ship reserve station. Another located it at Little Creek, Virginia. Still another said it was sold to Greece.

Another interesting fact was that the USS Hammann was originally named Langley, and was renamed prior to coming to the Navy yard. This too, is unusual.

linked together when needed by our amateur group.

Emergency preparedness officials are trained by the California Specialized Training Institute. One of the courses in the curriculum is "The Role of Amateur Radio."

There is an effort in California to promote the amateur radio hobby among interested officers in police and fire departments. Frankly, that's where many police and fire communications people originally come from - the ranks of radio amateurs.

With the broad capabilities of amateur radio, voice and emergency communications networks are just a basic beginning. One of the largest special events in the country is the Rose Bowl Parade in Pasadena, California. In addition to providing supplemental communications for the Pasadena Police and supporting Los Angeles County Sheriff's Department, hams use Amateur Television (ATV) to feed live video back to parade officials.

San Diego County is setting up a county wide ATV system where an amateur, with a video camera and transmitter, will be put into a Sheriff's Department helicopter to feed live video back to the Emergency Operating Center (EOC). They'll be able to cover any scene: disaster, riot, or traffic jam.

There will soon be a country-wide Amateur Packet Radio system. In Connecticut, the State Office of Civil Preparedness (OCP) is also setting up a packet system between the state EOC and area OCP headquarters.

Packet is a computer communications system where messages are sent directly from one computer to another by radio, or routed through intermediate digipeaters (digital repeaters) to reach distant stations. Complicated instructions or casualty lists, things that take forever to transmit by voice, can be sent surely, quickly and accurately by computer.

With all this talk of high technology and complex capabilities, don't lose sight of the fact that amateur radio aiding law enforcement can be as simple as a "Goblin Patrol."

Chief Ganley in Newington has what he calls "a number one deterrent" to crime on Halloween, and it costs the town nothing. You know how busy that night can be. The normal minimum staff patrol is hard pressed to handle the flood of minor complaints. So Ganley calls in a dozen radio amateurs in their radio equipped private cars, puts an auxiliary police officer with each amateur, and triples his patrol.

"I think it's great," Ganley said. "I can use all the help I can get on that night."

Tnx to W3PXY and LAW and ORDER.

* UPDATE *

MAR 6 General Meeting program:
Live demo of fast scan
TV by Ron Cohen, K3ZKO.

Mar 15 Directors' meeting at
K83IV & N3GLU's

--- * ---

APR 3 General Meeting

Apr ?? Dinner meeting with
DELMONT ARC
(maybe)

--- * ---

MAY 1 General Meeting

May 17 Directors' meeting at
W3UY's

--- * ---

JUNE 5 General Meeting

June 14 Directors' meeting at
W3BBB's

AMATEUR RADIO: Back Up For Police

- Part 2 of 2 -

We could fill this magazine with stories of amateur public service in disasters, storms, train and plane wrecks, fires, floods, chemical spills-all sorts of incidents that tax a communications system. But hams can provide more than just communications, and their communications can be a lot more than just voice.

Police Chief Jerry Boyd of Coronado, California Police Department is a ham (KG6LFF). He is also chairman of the ARRL's National Emergency Response Committee. He interfaces amateur radio with police service in all of the usual ways: disaster, parades, lost child searches, special events, and has used them for fire watch as well.

"We had a major fire about four years ago," he said. "We deployed the hams and they spotted roof fires as much as a mile away and called them in so they could be doused before they took hold. The amateurs prevented what easily could have become a fire storm."

Talking about fires, the California Division of Forestry makes statewide use of amateurs. "Under Volunteers in Prevention, amateurs are activated by the Division of Forestry and go out on Red Flag patrol. They patrol high risk fire areas simply to spot fires when they begin," Chief Boyd said. "God knows how many hundreds of thousands of acres have been saved under this program."

Boyd has also directly benefited police operations by using amateurs. When Coronado was suffering a rash of burglaries, a special effort was set up to combat them. All available police personnel were deployed, but that left many holes in the plan. Amateurs were assigned, two to a private car that wasn't obviously "police," to patrol designated ar-

reas and watch for certain vehicles suspected of being used by the burglars. The hams served as eyes only, reporting their observations back to the police dispatcher.

"While they did not lead directly to an arrest, I think they did contribute directly," Chief Boyd explained. "By covering certain areas, we were able to better deploy police officers to higher risk areas where the arrests were ultimately made."

There could be a question of using amateurs in the "business" of police operation. Ham radio is a hobby and FCC rules prohibit the conduct of business. You can't use amateurs to provide routine communications just because they work for nothing.

"I've talked with the FCC about this," Chief Boyd added. "It seems clear that where you have exhausted your resources but need more, it then becomes an 'emergency' situation where amateurs can help."

In Irvine, California, the city equipped a mobile communications van. It is set up and operated by the amateurs of the Irvine Disaster and Emergency Communications Group - even when amateur frequencies aren't being used.

The San Diego County Sheriff's Department has a mobile command vehicle and found that amateurs are great help in setting up a command post and getting it operational. This is true even if it's for a SWAT operation where hams aren't directly involved in providing communications.

Emergency preparedness often falls to the police agency. Every city, county, and state must have a "disaster plan," and, in California, a required component is an interface with amateur radio.

"In southern California, it is not unusual for agencies to sponsor and maintain amateur repeaters," Chief Boyd said. "In Coronado, we maintain two-meter and 220 repeaters that can be

1989

MARCH

1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2 <i>Texas Independence Day</i>	3	4
5 2M NCS AK2I 10M NCS ANYONE 75M NCS W3PWG	6 GENERAL MEETING & LICENSE EXAMS	7 CODE PRACTICE NET at 8 PM	8	9	10	11
12 2M NCS N3FTZ 10M NCS ANYONE 75M NCS W3AOA	13	14 CODE PRACTICE NET at 8 PM <i>Albert Einstein's Birthday - 1879</i>	15 DIRECTORS' MEETING at KB3IV & N3GLU's <i>Andrew Jackson's Birthday - 1767</i>	16	17 <i>St. Patrick's Day</i>	18
19 2M NCS WB3CMM 10M NCS ANYONE 75M NCS W3RCE <i>Palm Sunday</i>	20 <i>1st Day of Spring (Vernal Equinox)</i>	21 CODE PRACTICE NET at 8 PM <i>J. S. Bach's Birthday - 1685</i>	22	23	24 <i>Good Friday</i>	25
26 2M NCS NS3Y 10M NCS ANYONE 75M NCS AK2I <i>Easter</i>	27	28 CODE PRACTICE NET at 8 PM	29	30 <i>Alaska Purchase 1867</i>	31	